

Installing Java Runtime Environment (JRE)

Introduction

Scope/Audience This document is intended for use by those MBIS users who have no previous versions of the Java JRE installed on their computer.

Task Overview Below are step-by-step instruction tables for the two general tasks:

- [Installing Java JRE through MBIS](#)
 - [MBIS Field Application Installation](#)
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Installing Java JRE

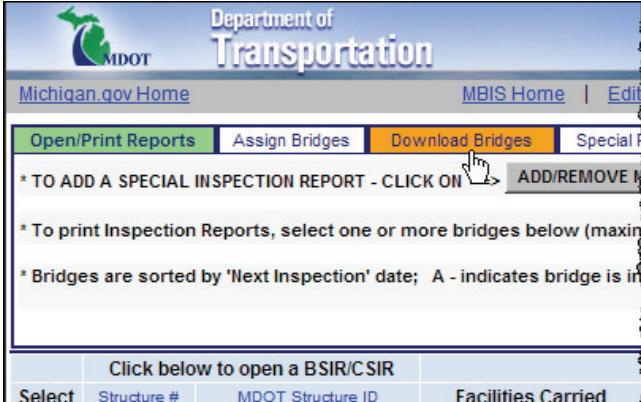
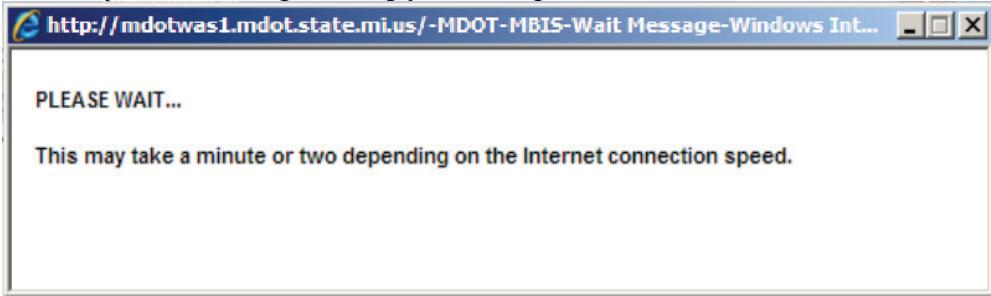
MBIS-Java JRE Installation

Installation has been made easier and safer for you by providing an automated connection through MBIS to the correct download location. This eliminates searching around on a web site for the needed version, links and procedures.

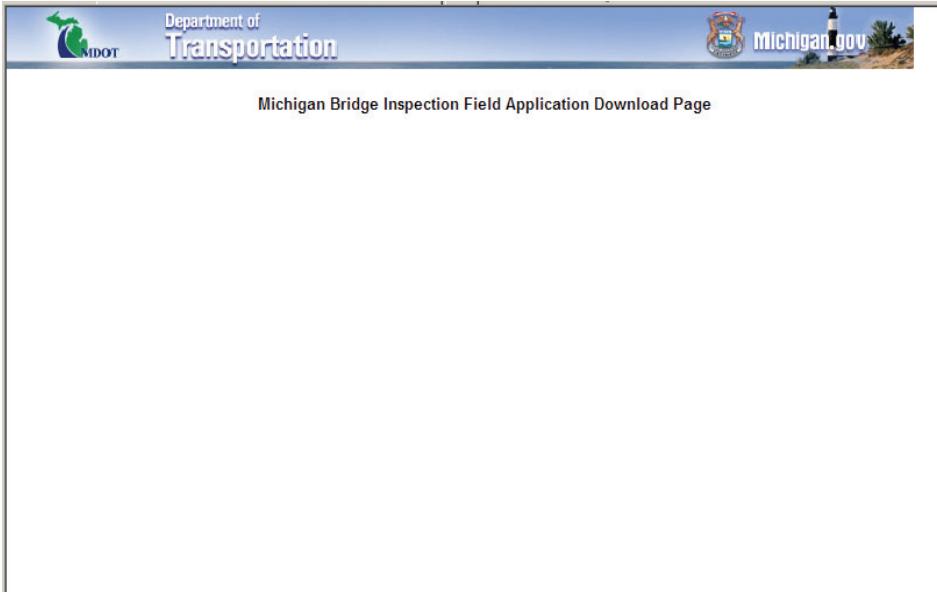
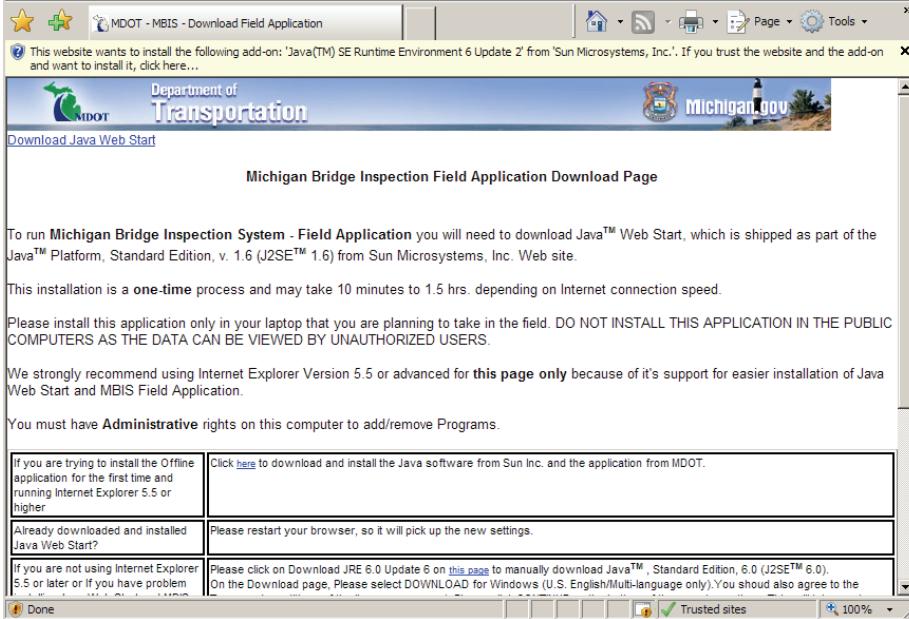
MBIS will smoothly hand you to the installation wizard on the Sun Java website, which will guide you through the short process.

MBIS-Java JRE Installation		
Step	Action	Illustration
1	Log in to MBIS	<p>MBIS Sign In</p> <p>* User ID: <input type="text" value="CHEZP"/></p> <p>* Password: <input type="password" value="*****"/></p> <p><input type="button" value="Sign In"/></p>

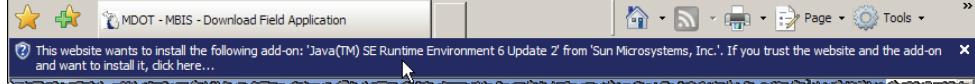
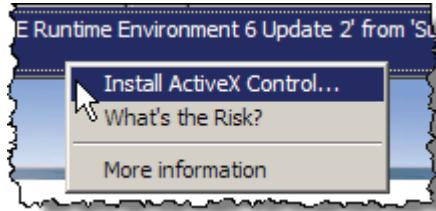
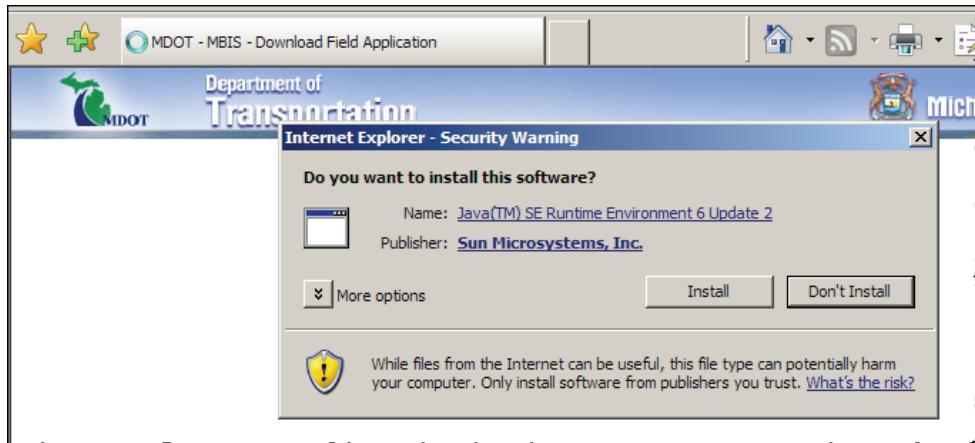
Installing the Java Runtime Environment (JRE)

MBIS-Java JRE Installation		
Step	Action	Illustration
2	Click the Download Bridges tab.	 <p>The screenshot shows the Michigan.gov Home page with the MBIS Home link. Below it is a navigation bar with tabs: Open/Print Reports, Assign Bridges, Download Bridges (which is highlighted in yellow), and Special Reports. A message at the top says: '* TO ADD A SPECIAL INSPECTION REPORT - CLICK ON ADD/REMOVE'. Below the navigation bar, there are three sections: 'To print Inspection Reports, select one or more bridges below (maximum 100)', 'Bridges are sorted by 'Next Inspection' date; A - indicates bridge is in...', and 'Click below to open a BSIR/CSIR'. At the bottom of the page are dropdown menus for Select, Structure #, MDOT Structure ID, and Facilities Carried.</p>
3	Click the Download/Start Field Application link.	 <p>The screenshot shows the same page as above, but the 'Download/Start Field Application' link under the 'Download Bridges' tab is highlighted in red and has a cursor icon pointing to it. A message below it says: 'To work with the Field Application ((for Routine Inspections))' followed by steps 1> and 2>. Step 2> is underlined and points to the 'Download / Start Field Application' link. A note at the bottom says: '* DOWNLOAD IS APPLICABLE FOR ROUTINE INSPECTIONS ONLY'.</p>
4	You may see a message asking you to be patient.	 <p>A screenshot of a Windows message box titled 'Wait Message'. It contains the text 'PLEASE WAIT...' and 'This may take a minute or two depending on the Internet connection speed.'</p>
5	The screen appears blank for a moment, except for the words, "Michigan Bridge Inspection Field Application Download Page."	 <p>A screenshot of the MBIS-Java JRE Installation page. The title 'Michigan Bridge Inspection Field Application Download Page' is centered on the page.</p>

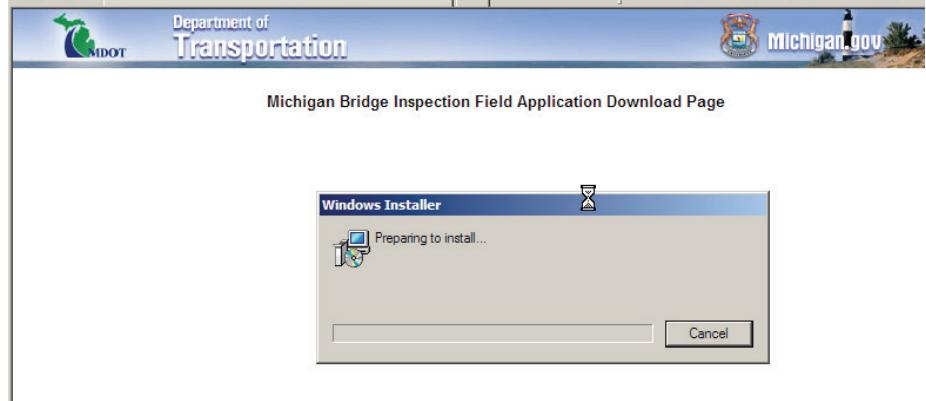
Installing the Java Runtime Environment (JRE)

MBIS-Java JRE Installation		
Step	Action	Illustration
		
6	The Download Page fills with content— but please notice the yellow bar at the top.	
7	The yellow warning bar may appear "thinner" if your browser window is sized large enough to display the message in a single line. If so, it can be easy to overlook.	

Installing the Java Runtime Environment (JRE)

MBIS-Java JRE Installation		
Step	Action	Illustration
8	Click anywhere on the yellow bar. (It turns blue when you mouse over it.)	
9	Click Install ActiveX Control.	
10	A Security Warning box asks if you want to install the Java Runtime Environment.	
11	Click Install.	

Installing the Java Runtime Environment (JRE)

MBIS-Java JRE Installation		
Step	Action	Illustration
12	The Windows system indicates it is preparing to install.	
13	A Java dialog box asks you to agree with the license. Click Accept .	

Installing the Java Runtime Environment (JRE)

MBIS-Java JRE Installation		
Step	Action	Illustration
14	<p>The Java installation Setup tool may* show you a screen that asks if you want to install the Google toolbar. <i>The checkbox is checked by default so clicking Next without clearing the box will add the toolbar.</i></p> <p>Clear the checkbox and then click Next.</p> <p>*This depends on your browser version and whether or not you have any previously-installed Google features.</p>	
15	<p>Java begins to install. This may take awhile depending on the speed of your computer and network connection.</p>	

Installing the Java Runtime Environment (JRE)

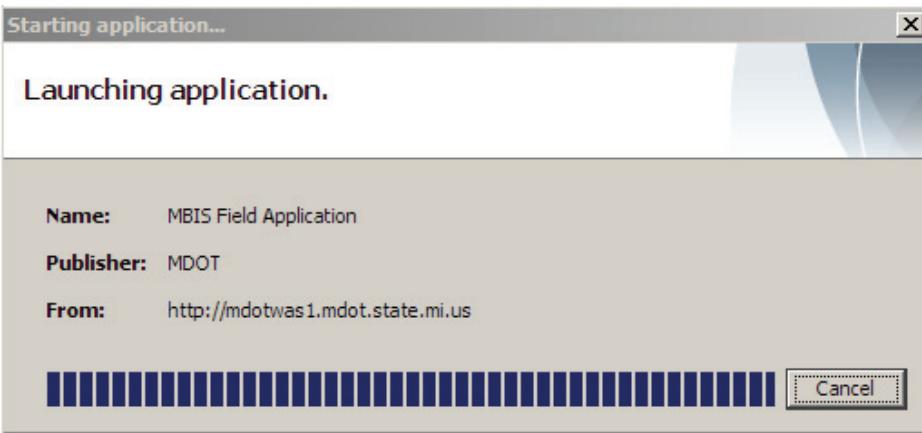
MBIS-Java JRE Installation		
Step	Action	Illustration
16	When Java is finished with the installation, a thank-you screen appears.	 A screenshot of a Windows application window titled "Java Setup - Complete". The main content area has a blue header with the text "Thank You!" and "You have Successfully Installed Java™". Below this, there is descriptive text about the Java-powered Internet and a link to java.com. At the bottom right is a "Finish" button. On the left side of the window, there is a large Java logo with the word "Java" and the Sun Microsystems logo below it.
17	Click Finish .	 A screenshot of the same "Java Setup - Complete" window as above, but with a mouse cursor hovering over the "Finish" button at the bottom right. The rest of the window content is identical to the previous screenshot.
18	A "Java Starting" message flashes briefly.	 A screenshot of a small, semi-transparent window with a light gray background. It displays the text "Java™ starting..." in a large, bold, sans-serif font, centered on the screen. This window serves as a progress indicator for the Java runtime environment.

Installing MBIS Field Application

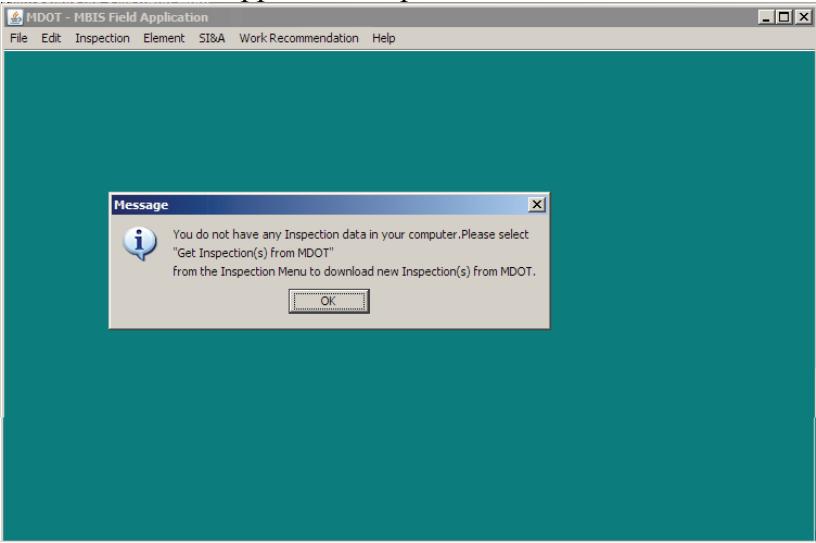
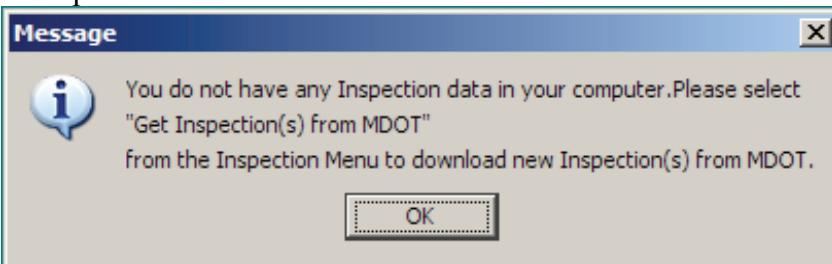
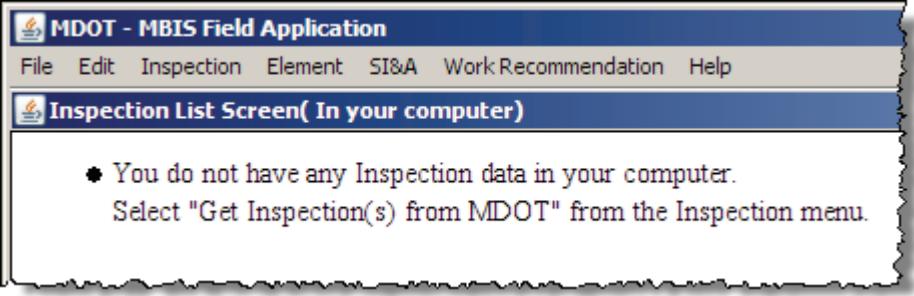
MBIS Field Application Installation

Because the MBIS-Java JRE installation process is coordinated by MBIS, there is a seamless transition between the starting of your new Java JRE and the installation launch of the MBIS Field Application.

MBIS Field Application Installation		
Step	Action	Illustration
1	After Java starts, MBIS begins to launch automatically.	<p>Starting application...</p> <p>Launching application.</p> <p>Name: MBIS Field Application Publisher: MDOT From: http://mdotwas1.mdot.state.mi.us</p> <p>[Progress Bar]</p> <p>[Cancel]</p>
2	A security message warns of an expired digital signature.	<p>Warning - Security</p> <p>The application's digital signature has an error. Do you want to run the application?</p> <p>Name: MBIS Field Application Publisher: State of Michigan From: http://mdotwas1.mdot.state.mi.us</p> <p><input type="checkbox"/> Always trust content from this publisher.</p> <p>[Run] [Cancel]</p> <p>The digital signature was generated with a trusted certificate but has expired. More Information...</p>
3	Normally this warning would be of concern, but in this case, the State of Michigan certificate is trusted, but has only expired.	<p>Warning - Security</p> <p>The application's digital signature has an error. Do you want to run the application?</p> <p>The digital signature was generated with a trusted certificate but has expired. More Information...</p>

MBIS Field Application Installation		
Step	Action	Illustration
4	Click the checkbox to indicate you'd like to "always trust content from this publisher."	
5	Click Run .	
6	MBIS quickly finishes launching.	 <p style="text-align: right;">See Next Page ⇒</p>

Installing the Java Runtime Environment (JRE)

MBIS Field Application Installation		
Step	Action	Illustration
7	The MBIS Field Application Opens.	 A screenshot of the MBIS Field Application window titled "MDOT - MBIS Field Application". The menu bar includes File, Edit, Inspection, Element, SI&A, Work Recommendation, and Help. A message box titled "Message" is displayed in the foreground, containing the text: "You do not have any Inspection data in your computer. Please select 'Get Inspection(s) from MDOT' from the Inspection Menu to download new Inspection(s) from MDOT." with an "OK" button.
8	MBIS Field Application gives you a message if you have no Inspection data in your computer.	 A screenshot of a message box titled "Message". It contains the same text as the previous message box: "You do not have any Inspection data in your computer. Please select 'Get Inspection(s) from MDOT' from the Inspection Menu to download new Inspection(s) from MDOT." with an "OK" button.
9	Click OK.	 A screenshot of a message box with an "OK" button highlighted by a cursor arrow.
10	MBIS Field Application tells you again about missing data, and tells you what to select next.	 A screenshot of the MBIS Field Application window titled "MDOT - MBIS Field Application". The menu bar is visible. A message box titled "Inspection List Screen(In your computer)" displays the text: "You do not have any Inspection data in your computer. Select 'Get Inspection(s) from MDOT' from the Inspection menu." The window has a decorative shadow effect.
Close the window and sign out. You can then continue to use MBIS as usual.		